

What is claimed is;

1. A master information carrier for magnetic transfer comprising a substrate having an irregularity pattern representing information to be transferred to a slave medium
5 and a magnetic layer formed on the irregularity pattern on the substrate, wherein the improvement comprises that

$$\text{formula } -0.004 \leq (t-d)/d \leq 0.1$$

is satisfied wherein d represents the depth of the recessed portions of the irregularity pattern and t represents the
10 thickness of the magnetic layer formed on the recessed portions, and

the magnetic layer formed on the protruding portion of the irregularity pattern and the magnetic layer formed on the recessed portions of the irregularity pattern are connected
15 with each other.

2. A master information carrier as defined in Claim 1 in which $-0.004 \leq (t-d)/d \leq 0$.

3. A master information carrier as defined in Claim 1 in which the depth d of the recessed portions of the substrate
20 of the master information carrier is in the range of 50nm to 800nm.

4. A master information carrier as defined in Claim 3 in which the depth d of the recessed portions of the substrate of the master information carrier is in the range of 100nm to
25 600nm.

5. A master information carrier as defined in Claim 1

in which the substrate is formed of material selected from the group consisting of nickel, silicon, aluminum, alloys, and synthetic resin.

6. A master information carrier as defined in Claim 1
5 in which the magnetic layer is formed of material selected from the group consisting of Co, Co alloys, Fe, Fe alloys, Ni and Ni alloys.

7. A master information carrier as defined in Claim 6 in which the magnetic layer is formed of FeCo or FeCoNi.

10 8. A master information carrier as defined in Claim 1 in which formula $0.01 \leq \delta / t < 0.5$ is satisfied wherein δ represents the thickness of the magnetic layer of the side wall connecting the magnetic layer on the protruding portions and the magnetic layer on the recessed portions and t represents
15 the thickness of the magnetic layer formed on the recessed portions.

9. A master information carrier as defined in Claim 8 in which δ and t satisfy formula $0.02 \leq \delta / t < 0.3$.

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